PFAUDLER

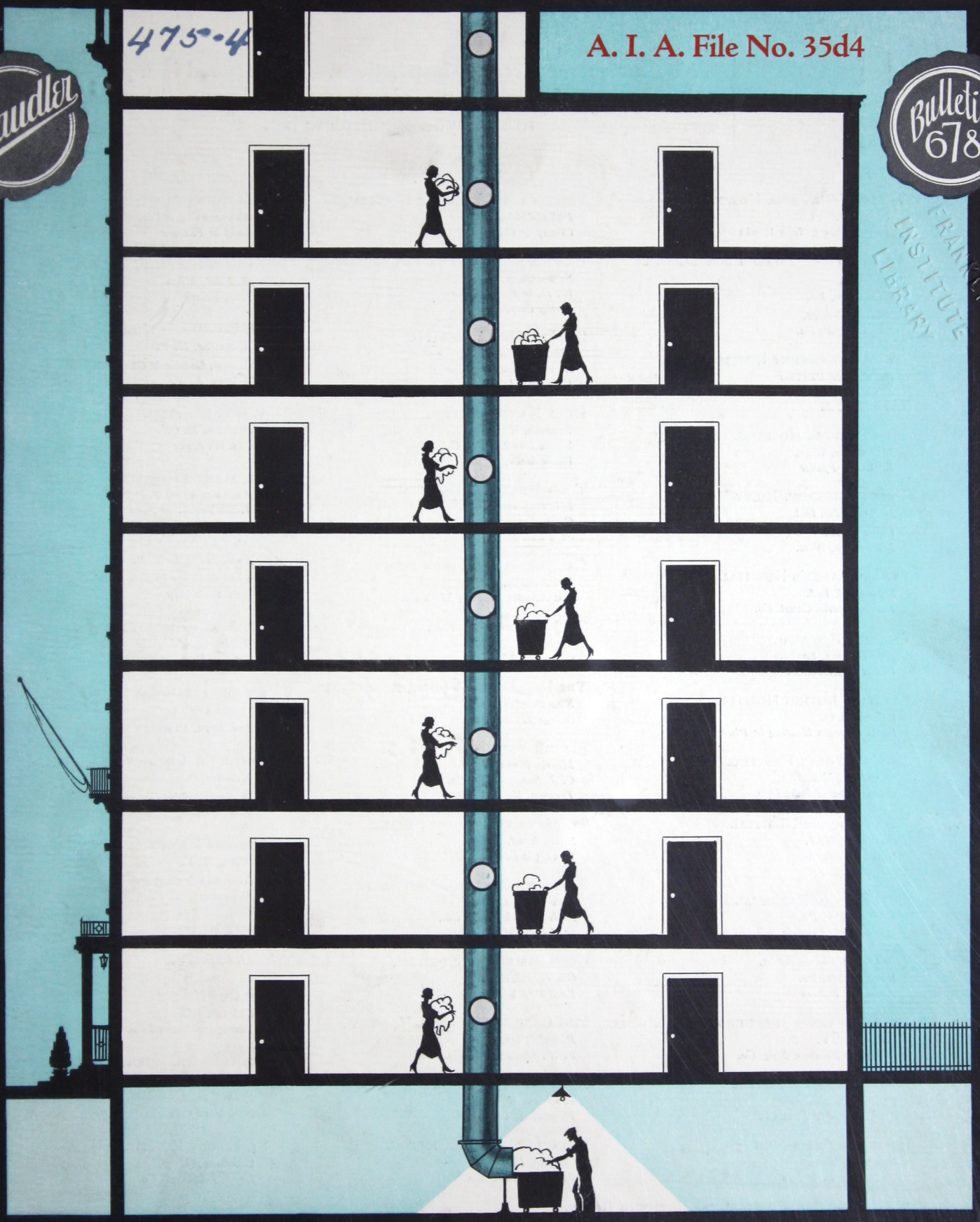
475-4

A. I. A. File No. 35d4

Pfaudler

Bulletin 678

FRANKLIN INSTITUTE LIBRARY



LAUNDRY CHUTES

WHO* *Uses Pfaudler Laundry Chutes?*

This list represents recent installations. If interested in a particular section of the country, please advise and we will be glad to send you a complete list.

TOLEDO MUNICIPAL HOSPITAL
Toledo, O.
Toledo Wire & Iron Works

MIDDLE COAL FIELD POOR DISTRICT HOSPITAL
Laurytown, Pa.
Andrew Breslin,
Summit Hill, Pa.

NEW GOVERNMENT HOSPITAL
Republic de Panama
J. C. Wright
Ancon—C.Z.

MISERICORDIA HOSPITAL
Milwaukee, Wisc.
Backes & Pfaller

JAMES WHITCOMB RILEY HOSPITAL
Indianapolis, Ind.
Leslie Colvin
Milwaukee, Wisc.

ST. MARGARET'S HOSPITAL
Hammond, Ind.
Larson-Daniel Const. Co.

CHARITY HOSPITAL
New Orleans, La.
Faviot & Livaudais

STARLING LOVING HOSPITAL
Columbus, O.
S. A. Esswein Heating & Plumbing Co.

BUTTERSWORTH HOSPITAL
Grand Rapids, Mich.
Owens-Ames-Kimball Co.

ESSEX COUNTY HOSPITAL
Overbrook, N. J.
Ralph B. Smith
Newark, N. J.

CHESTER CO. MEMORIAL HOSPITAL
West Chester, Pa.
William M. Francis

SAMARITAN HOSPITAL
Philadelphia, Pa.
Amos W. Barnes

HOUSE OF GOOD SHEPHERD
Albany, N. Y.
Feeney & Sheehan Bldg. Co.

MIAMI VALLEY HOSPITAL
Dayton, O.
Max Penker & Sons Co.

HOME FOR AGED MEN
Brockton, Mass.
T. F. Crowell & Son

WOMEN'S HOMEOPATHIC HOSPITAL
Philadelphia, Pa.
Cramp & Co.

HUDSON CO. HOSPITAL FOR INSANE
Secaucus, N. J.
W. H. & F. W. Cane
Jersey City, N. J.

ST. ANTHONY'S HOSPITAL
Michigan City, Ind.
A. E. Kemmer
Lafayette, Ind.

HOLY NAME HOSPITAL
Teaneck, N. J.
Whyte Construction Co.
Hackensack, N. J.

TODD MEMORIAL HOSPITAL
Minneapolis, Minn.
C. H. Johnston
St. Paul, Minn.

CALIFORNIA LUTHERAN HOSPITAL
Los Angeles, Calif.
Los Angeles Planing Mills Co.

ST. JOSEPH'S HOSPITAL
Elgin, Ill.
George E. Morris

THE JOHN DIBERT TUBERCULOSIS HOSP.
New Orleans, La.
George J. Glover Co.

STATE HOSPITAL
Morris Plains, N. J.
C. J. Smith Const. Co.
Trenton, N. J.

ST. MARY'S DORMITORY BLDG.
South Bend, Ind.
H. G. Christman Co.

SOUTHERN BAPTIST HOSPITAL
New Orleans, La.
Selden Breck Const. Co.,
St. Louis, Mo.

GOOD SAMARITAN HOSPITAL
Cincinnati, O.
Emil Drach

PHILADELPHIA GENERAL HOSPITAL
Philadelphia, Pa.
F. W. Mark Const. Co. Inc.

MATERNITY HOSPITAL
Brooklyn, N. Y.
Thomas A. Clark

ILLINOIS MASONIC HOSPITAL
Chicago, Ill.
Jas. Shedden & Co.

NORTHWESTERN HOSPITAL
Minneapolis, Minn.
Long & Thorsov

ANCHOR HOSPITAL
St. Paul, Minn.
Joseph Sack

ST. COLEMAN'S HOME
Watervliet, N. Y.
Gander, Gander & Gander
Albany, N. Y.

WATTS HOSPITAL
Durham, N. C.
Geo. W. Kane

ST. MARY'S HOSPITAL
Amsterdam, N. Y.
J. W. Turner & Sons

MARY IMMACULATE HOSPITAL
Jamaica, L. I. N. Y.
Thos. O'Reilly & Son, Inc.
New York City

ST. AGNES HOSPITAL
Baltimore, Md.
Frainie Bros. & Haigley

ANTONIO HIGUERA ESCUDERO (PURCHASER)
San Juan, P. R.

LUCAS CO. CHILDREN'S HOME
Maumee, O.
Watts-Suhribier Co.
Toledo, O.

HIGGINS MEMORIAL HOSPITAL
Olean, N. Y.
Chapman & Graham
Jamestown, N. Y.

CLIFT HOTEL
San Francisco, Calif.
Clift Realty Co.

PALMER HOUSE
Chicago, Ill.
Thompson-Starrett Co.

ATLANTA BILTMORE HOTEL
Atlanta, Ga.
Starrett Bros.
New York City

ST. LUKE'S HOSPITAL (4)
Cleveland, O.
Lundoff-Bicknell Co.

* Architects' or Contractors' Names in Italics.

475-4.

The Knowledge Gained During 15 Years of Building Laundry Chutes

—HAS BEEN CONCENTRATED IN THESE NEW CHUTES — OFFERED AT PRICES WHICH WILL SURPRISE YOU — EITHER GLASS LINED STEEL OR ALUMINUM

ARCHITECTS and building superintendents who have carefully inspected these new chutes agree that they are the greatest values ever offered in a standardized laundry chute. Whether hospital, or hotel, apartment house or residence, your building must have some organized system of laundry disposal.

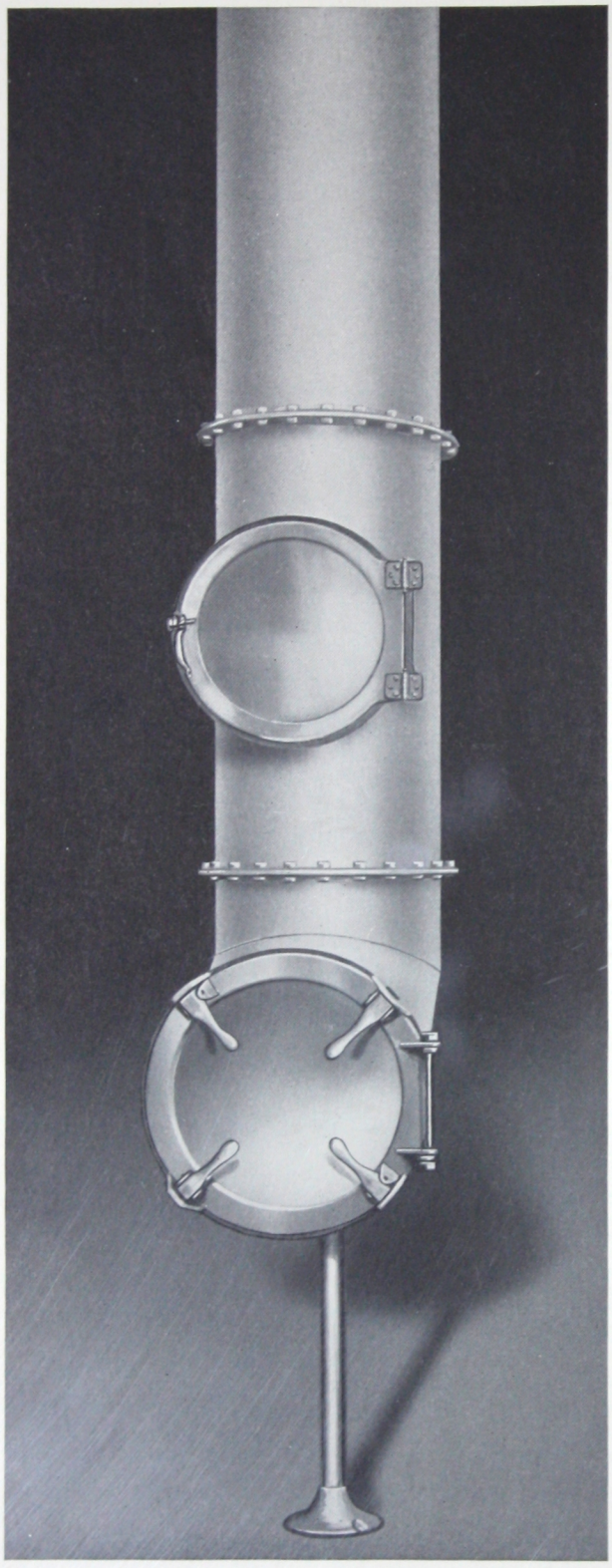
The danger of a make-shift chute, which has been fabricated by some local tinsmith in an attempt to meet the architect's specifications has proved itself many times through such undesirable developments as sagging of the chute, tearing of linen, impossibility of keeping thoroughly clean, and so on.

Whether you have 300 or 30,000 pieces of linen to be handled per day, a Pfaudler chute will be a profitable investment.

Recent time studies in the handling of laundry, which have been made in several leading hotels, indicate that the laundry chute can easily pay for itself in less than a year through labor saved by the elimination of trucks and elevator service.

We recommend that you carefully investigate our claims for these chutes. In the meantime, fill out the "Laundry Chute Data Sheet" which is enclosed. Please give floor and basement heights as requested, and we shall be pleased to quote you a price on a chute for your particular building.

ID 91-B392 TCF



The New
GLASS LINED LAUNDRY CHUTE

THIS new chute, like many other mechanical developments of today, is the product of experience, coupled with the right use of machinery used in its fabrication. A better chute than the old model in a number of respects, IT SELLS AT A GREATLY REDUCED PRICE.

Whereas many builders have realized that a laundry chute was necessary to complete the appointments of the modern dwelling place, price has very often prevented installation.

Buildings costing less than $50,000 have many times scratched the words "laundry chute" out of the specifications completely. This is no longer necessary with our new chutes, and we strongly recommend that you obtain a price from us for any building you are now planning which has a laundry disposal problem.

This chute is durable, even beyond the life of the building, it is glass lined enabling you to keep it immaculately clean, and it has all necessary accessories such as automatic door clamps, flushing ring, drain connection, etc.

See complete specifications on opposite page.

"Your chute saves all the time formerly required to cart the soiled linen to the laundry from different points in the hospital."

TODD MEMORIAL HOSPITAL
Minneapolis, Minn.
(Signed) L. B. Baldwin, Supt.

"—We like the smooth surface of your chute and the fact that it can easily be kept clean."

SAMARITAN HOSPITAL,
Philadelphia, Pa.
(Signed) Geo. W. Meister, Supt.

Specifications

GLASS LINED LAUNDRY CHUTE

THE new Pfaudler Glass-Lined Laundry Chute is made of ⅛″ open-hearth steel in sections of suitable length to meet building requirements. Furnished in two standard diameters:

18″ inside, 20½″ outside
24″ inside, 26½″ outside
(including flanges)

Chute sections to be properly flanged and punched. To be furnished with standard Pfaudlerite gaskets for joints, so as to make chute watertight.

Interior of chute to be lined with Pfaudler blue glass enamel, which is to extend well beyond the interior edges of gaskets and to outer edges of door throats and facings. Top section to be provided with a 1½″ nickel-plated, brass pipe flushing ring, with standard 1½″ pipe bushing for connection to water service pipe. Chute to be provided with top head having 3″ coupling for ventilator pipe. No other fittings furnished for this section.

At a distance of approximately 47″ above the level of each floor, will be an aluminum door with flat aluminum panel, door to close watertight against a soft rubber cushion and secured by clamp of refrigerator type. Throat to which door is attached to be integral with chute proper, approximately 22″ inside diameter, and of length to bring its outer edge flush with face of finished wall. Bottom of chute to be an elbow, closed watertight with a pressed aluminum door. This door is secured by four lever-type clamps, and the door itself is provided with supporting hinges.

Chute to have 2″ standard pipe outlet (threaded for drain connection). Drain opening has special strainer to prevent possible clogging of drain pipe. No other fittings furnished for this section. Chute to be supported at bottom by one 2″ standard steel pipe leg with cast iron base, and by ⅜″ tie rods at each floor (three or four at each floor as conditions may require), connected to angle irons set in steel work of floor construction.

When sending in blueprints, be sure to indicate the distances from finished floor to finished floor as well as the distance from the center of the chute to the face of the finished wall. If there are any exceptions to the angles at which chute will be served, they should be indicated. Chute is lagged for shipment at our plant and is delivered in sections ready to assemble. It can be installed by any construction engineer, but we recommend the employment of one of our erecting engineers wherever possible.

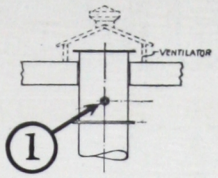


Diagram B—Special Ventilator Construction.

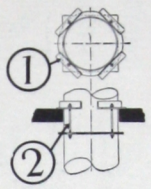


Diagram C — Cross-Section Floor View

Key to Diagrams

Diagram A—General drawing of chute.

1. 1½″ pipe bushing for connection to water service pipe (for spraying ring).
2. 3″ coupling for ventilator pipe (no other fittings furnished).
3. Polished aluminum door, fitted with refrigerator clamp.
4. Standard Pfaudlerite gasket for each joint.
5. 2″ standard pipe outlet (threaded for drain connection).

Diagram B—Special ventilator construction (alternative to standard vent pipe at top of diagram A).

Note—This is a suggested construction for which we furnish chute only.

1. 1½″ pipe bushing for connection to water service pipe (for spraying ring). Same as diagram A.

Diagram C—Cross section floor view (showing method of securing chute at each floor).

1. Supporting angle-irons.
2. Tie rods. *Note*—Floor openings and plumbing connections to be provided by owners.

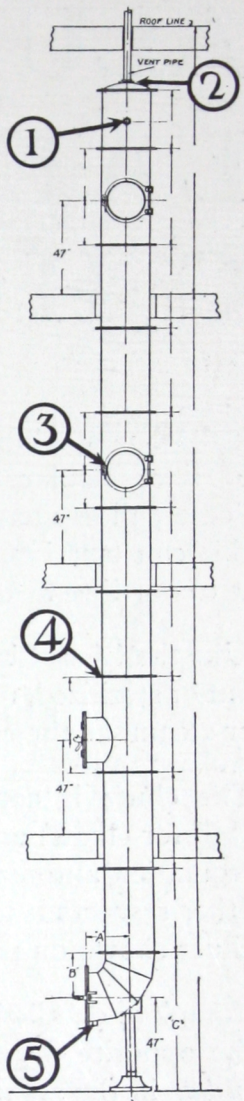
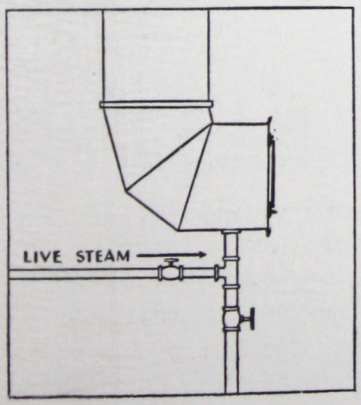


Diagram A—General View (above right)

DIA.	A	B	C
18″	17⅞″	18″	65″
24″	20⅞″	22″	69″

STERILIZING THE CHUTE WITH LOW-PRESSURE STEAM



The Pfaudler glass-lined chute, as well as the aluminum chute, can be sterilized with low-pressure steam which is a very desirable procedure every month or two. At other times the spraying ring at the top of the chute can be used for cleaning purposes. This is connected to the hot and cold water lines.

When sterilizing or spraying the chute, all of the doors should be closed and clamped to prevent leakage of steam or water.

The line drawing at the left is a suggested hook-up to permit sterilization of the chute. Details of construction have not been given.

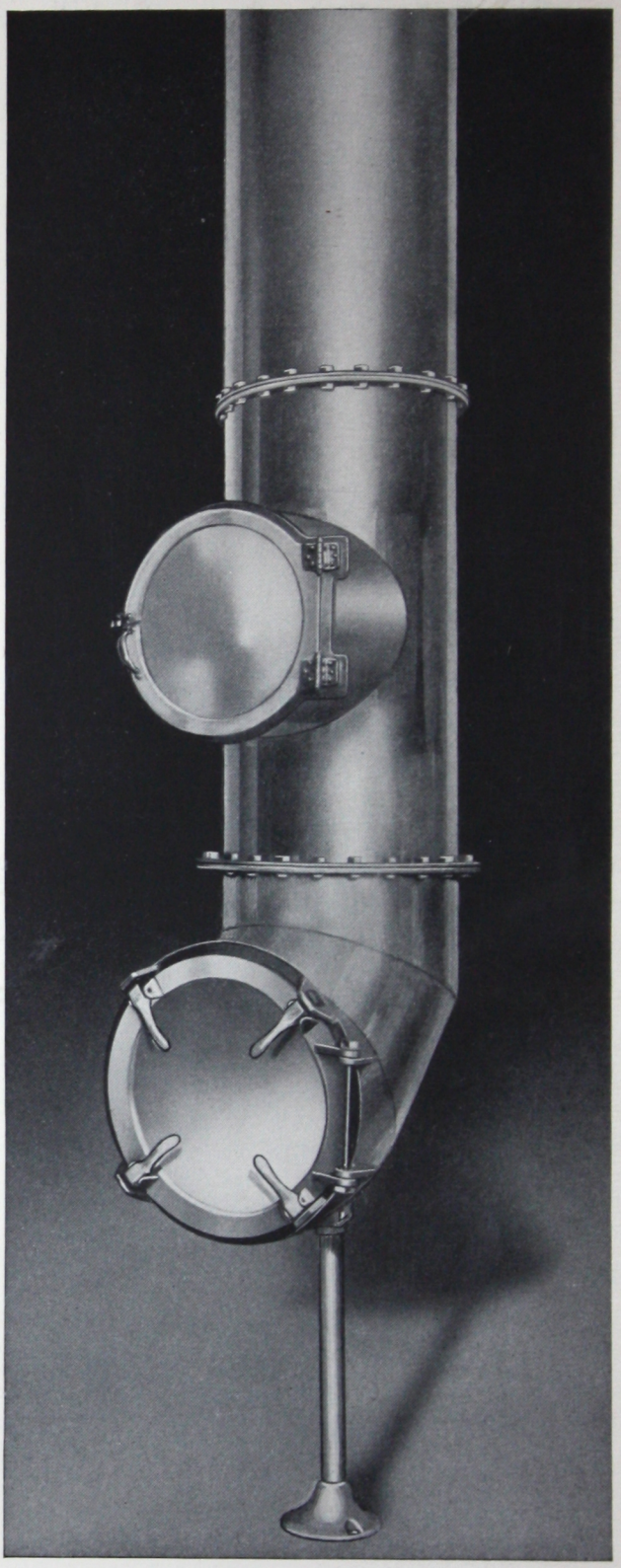
The New ALUMINUM LAUNDRY CHUTE

THE new Aluminum Chute is built along lines similar to the Glass-Lined Chute. Some builders have expressed a preference for this construction, and we are pleased to add it to our line to take care of every inquiry.

Like the Glass-Lined Chute, it may be washed out or sterilized, using either hot or cold water, or steam, as the case may be.

The chute is constructed of $\frac{1}{16}$″ aluminum ($\frac{1}{8}$″ for elbow) and is all welded. It has the regulation automatic door clamps, and in all other respects is built like the glass-lined steel chute shown on page 4.

Complete detailed specifications are given on the opposite page, and may be incorporated *in toto* in the architect's specifications.



"We handle from 7,000 to 10,000 pieces of laundry daily, and are impressed with the cleanliness and simplicity of your chute."

JERSEY CITY HOSPITAL
Jersey City, N. J.
(Signed) S. F. Roach, Supt. of Laundry.

"We recommend your chute highly . . . It is a labor saver and keeps soiled linen off the floors. We would not be without it."

JEWISH HOSPITAL,
Cincinnati, O.
(Signed) Louis C. Levy, Supt.

Specifications

ALUMINUM LAUNDRY CHUTE

THE new Pfaudler Aluminum Laundry Chute is made of $\frac{1}{16}$″ welded aluminum sheet ($\frac{1}{8}$″ for elbow at bottom). Sections are of suitable length to meet building requirements. Furnished in two standard diameters:

18″ inside, 20″ outside
24″ inside, 26″ outside
(including flanges)

Chute sections to be properly flanged and punched; to be furnished with standard Pfaudlerite gaskets for joints so as to make chute watertight.

Top section to be provided with a 1½″ nickel plated brass pipe flushing ring, with standard 1½″ pipe bushing for connection to water service pipe. Chute to be provided with top head having 3″ bushing for ventilator pipe. No other fittings furnished for this section. At a distance of approximately 47″ above the level of each floor, will be an aluminum door with flat aluminum panel; door to close water tight against a soft rubber cushion and secured by clamp of refrigerator type. Throat to which door is attached to be integral with chute proper, approximately 22″ inside diameter and of length to bring its outer edge flush with face of finished walls. Bottom of chute to be an aluminum elbow, closed water-tight with a pressed aluminum door. This door is secured by four patented clamps, has supporting hinges, and is easily operated.

Chute to have 2″ standard pipe outlet (threaded for drain connection). Drain opening has special strainer to prevent possible clogging of drain pipe. No other fittings furnished for this section. Chute to be supported at bottom by one 2″ steel pipe leg with cast iron base, and by ⅜″ tie rods at each floor (three or four at each floor as conditions may require), connected to angle irons set in steel work of floor construction.

When sending in blueprints, be sure to indicate the distances from finished floor to finished floor, as well as the distance from the center of the chute to the face of the finished wall. If there are any exceptions to the angles at which chute will be served, they should be indicated. Chute is lagged for shipment at our plant and is delivered in sections ready to assemble. It can be installed by any construction engineer, but we recommend the employment of one of our erecting engineers wherever feasible.

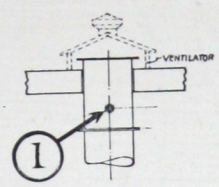


Diagram B—Special Ventilator Construction.

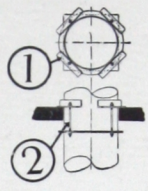


Diagram C—Cross-Section Floor View

Key to Diagrams

Diagram A—General drawing of chute.

1. 1½″ pipe bushing for connection to water service pipe (for spraying ring).
2. 3″ bushing for ventilator pipe (no other fittings furnished).
3. Polished aluminum door, fitted with refrigerator clamp.
4. Standard Pfaudlerite gasket for each joint.
5. 2″ standard pipe outlet (threaded for drain connection).

Diagram B—Special ventilator construction (alternative to standard vent pipe at top of diagram A).

Note—This is a suggested construction for which we furnish chute only.

1. 1½″ pipe bushing for connection to water service pipe (for spraying ring). Same as diagram A.

Diagram C—Cross section floor view (showing method of securing chute at each floor).

1. Supporting angle-irons.
2. Tie rods. *Note*—Floor openings and plumbing connections to be provided by owners.

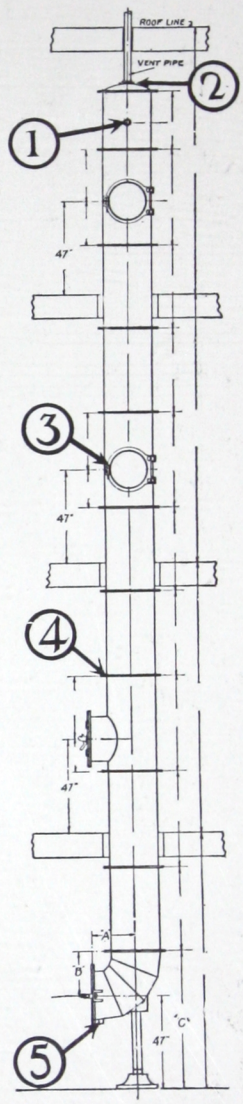


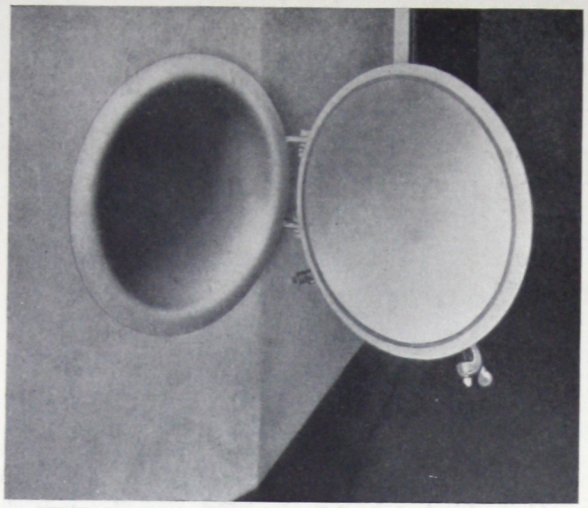
Diagram A—General View (above right)

DIA.	A	B	C
18″	17⅜	18″	65″
24″	20⅜	22″	69″

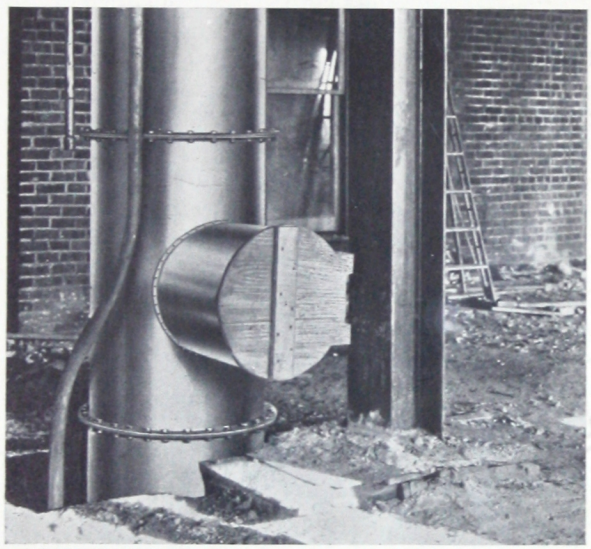
Fill Out the Enclosed Specification Sheet and Mail Today!

(FOR PRICE ON A CHUTE TO MEET YOUR REQUIREMENTS)

IN FILLING OUT this specification sheet, please indicate accurately in the places allowed for this purpose: floor heights, size of shaft which will accommodate chute, and the direction at which door throat enters chute on each floor. Fill out other items as indicated, and mail to: THE PFAUDLER COMPANY, *Laundry Chute Division*, Rochester, N. Y.



SERVICE DOOR—At each floor level, one of these polished aluminum doors waits to be opened and receives soiled linen for the laundry room. As simple as dropping a letter in a mail chute: a direct time-saving device necessary in any up-to-date dwelling place.



INSTALLATION—This view shows laundry chute being installed without partitions walled in. We are prepared to furnish erecting engineers at cost to handle your installation if you so desire.

DIRECTLY INTO THE LAUNDRY—Soiled linen discharges at one main point,—into the laundry. No elevators, no waiting, no lost motion.

"30,000 *Pieces of Laundry Go Thru Your Chute* DAILY *We Have Eliminated Four Men Who Formerly Collected and Delivered the Linen.*"

—LOS ANGELES BILTMORE
Los Angeles, California
(*Signed*) Sidney Sterling, Assistant Manager in charge Equipment and Maintenance

BEHIND the above statement lies a well-planned system of laundry disposal, one of the best, in fact, in the country. The building is 370 ft. long, and the linen chute (as well as a Pfaudler dust chute) is located in the center. The floors are divided into sections, and each maid is held responsible for the linen in her section. There is a linen closet in each section; an attendant collects the linen from the closet, checks it, and then takes it to the chute.

This system saves the time of the maids, and also gives an absolute check on the quantity of linen on hand at all times. When the maids finish up work at two o'clock in the afternoon, all linen is in the laundry, counted, and much of it is already in the washers. This could not be accomplished if trucks were used.

Further time is saved by handling the linen in bulk. The use of bags, according to Mr. Sterling of the Biltmore, would slow up the service and would likewise represent a large outlay of money. The glass lining of the chute is a distinct advantage in permitting the handling of linen in bulk.

30,000 pieces of linen are handled daily without damage or loss.

We shall be pleased to help you work out a suitable system of laundry disposal in connection with our chute if you will give us all the facts, such as number of pieces, number and location of attendants, and so on.

THE PFAUDLER CO.
Laundry Chute Division *Rochester, N. Y.*

KEEP DOWN LAUNDRY EXPENSE · PUT UP A PFAUDLER CHUTE ·

Printed in U. S. A. FS-7M-1-27

Digitized by:

ASSOCIATION FOR
PRESERVATION TECHNOLOGY,
INTERNATIONAL

BUILDING
TECHNOLOGY
HERITAGE
LIBRARY

www.apti.org

From the collection of:

CCA

CANADIAN CENTRE FOR ARCHITECTURE /
CENTRE CANADIEN D'ARCHITECTURE

www.cca.qc.ca